

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	7001613
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Mark C. Van Ness/Heidi Yerton
<b>Filer Authorized By:</b>	Mark C. Van Ness
<b>Attorney Docket Number:</b>	042390.P16330
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P16330_Response_2-12-10v.pdf	58404 b6dbcd31e2b8deb205780a06ac0ce4ff8e1ec21c	yes	12
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	7	
	Applicant Arguments/Remarks Made in an Amendment		8	12	
Warnings:					
Information:					
2		P16330_IDS_2-12-10.pdf	66423 639e1b72da86e6080588cb6f6e3e790daae699c	yes	2
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	1	
	Information Disclosure Statement (IDS) Filed (SB/08)		2	2	
Warnings:					
Information:					
3	NPL Documents	42P16330CN_OA_1-11-10.pdf	2849156 c8ebb15309fe3d9ab167a56b6ff7debec1881636	no	9
Warnings:					
Information:					
4	NPL Documents	42P16330XCN_OA_6-16-09.pdf	1452002 1bb9a82cc0691b2aab189b8ab849be98ddc7c667	no	12
Warnings:					
Information:					
5	Fee Worksheet (PTO-875)	fee-info.pdf	30192 2a31009a04a2951075f7d722d5830b15159c70fd	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			4456177		

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**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**